

## **IMPLANTABLE DEVICE FOR CONTROLLED RELEASE OF DRUG**

### **Abstract of the Disclosure**

Implantable medical devices are provided for controlled release of drugs. In one embodiment, the device comprises a support structure; two or more discrete reservoirs provided in spaced positions across at least one surface of the support structure; and a release system loaded in each of the reservoirs, the release system including drug molecules dispersed in a degradable matrix material, wherein release of the drug molecules from the reservoir is controlled by in vivo disintegration of the matrix material. In another embodiment, the device comprises a support structure; two or more discrete reservoirs provided in spaced positions across at least one surface of the support structure; and a release system loaded in each of the reservoirs, the release system including drug molecules dispersed in a non-degradable matrix material, wherein release of the drug molecules from the reservoir is controlled by in vivo diffusion of the drug molecules from the matrix material.